

IN THE CLAIMS:

1. (canceled)
2. (amended) ~~An adapter as in claim 1~~ An adapter for coupling an existing connector to a different electrical unit than the one for which the existing connector was designed, the adapter comprising:
a non-conductive housing which carries a first set of electrical conductors and a second set of electrical conductors wherein the number of the second set of conductors is the same as the number of the first set of conductors, wherein members of the first set exhibit an electro-mechanical plug-type profile for engagement with socket elements of the existing connector and wherein members of the second set exhibit an electro-mechanical socket-type profile for engagement with a second plug carried by the electrical unit wherein the existing connector and the second plug are incompatible and are not mutually engageable; and
wherein the first set of electrical conductors includes a plurality of flexible, elongated, conductors which terminate in respective rigid conducting prongs engageable with the existing connector.
3. (original) An adapter as in claim 2 wherein the rigid conducting prongs are selectively arranged in a second housing.
4. (amended) An adapter as in claim 3 wherein the prongs are ~~inerrable~~ insertable in the second housing in the selected arrangement.
5. (amended) An adapter as in claim 2 wherein the prongs are surrounded, at least in part, by ~~an inculpative~~ a cover whereby the prongs are extendable axially from the cover.
6. (original) An adapter as in claim 2 wherein the flexible conductors couple the configuration of conductors at the existing connector to the configuration of the second set in the housing.
7. (original) An adapter as in claim 6 wherein the first and second sets each comprise three conductors.
8. (original) An adapter as in claim 6 wherein the existing connector includes at least two conductors for delivery of AC-type power.

9. (original) An adapter as in claim 8 wherein the first set includes three conductors, configured so as to be compatible with the conductors of the connector.

10. (canceled)

11. (canceled)

12. (amended) ~~An adapter as in claim 10~~ An ambient condition detector comprising:
a housing;
a first connector carried on the housing, for mating to a second connector of a
compatible form factor and electrical configuration; and
an adapter which engages the first connector whereby the adapter exhibits an
output configuration for engaging another, different connector, incompatible with the second
connector; and

wherein the adapter includes a first set of flexible electrical conductors which terminate in respective rigid conducting pins engageable with the different connector.

13. (amended) An adapter as in claim 12 wherein the rigid conducting pins are selectively arranged in a second housing.

14. (amended) An adapter as in claim 13 wherein the pins are ~~inerrable~~ insertable in the second housing in the selected arrangement.

15. (amended) An adapter as in claim 12 wherein the pins are surrounded, at least in part, by ~~an inculpative~~ a cover whereby the pins are extendable axially from the cover.

16. (original) An adapter as in claim 12 wherein the flexible conductors couple the configuration of conductors at the existing connector to the configuration of the first connector.

17. (new) An electrical adapter comprising:
a non-conductive housing;
the housing carrying a plurality of electrical receptacles engageable with a plug on an electrical device;

a plurality of flexible, elongated electrical conductors each of which is attached to a respective receptacle, each of the flexible conductors carries, at an end displaced from the attached receptacle, a single conductor plug, the plugs are engageable with a cable connector.

18. (new) An adapter as in claim 17 where members of at least one of the plugs or the receptacles are movable so as to provide a plurality of configurations in the housing.

19. (new) An adapter as in claim 17 where the plugs are carried in a second housing.
20. (new) An adapter as in claim 17 where the plugs can be arranged in the housing in a plurality of different configurations.